

## Claims:

1. Scraper, which comprises an elongated, at  
5 least tension transmitting flexible structure, which  
is formed of formed pieces (X), being coupled with  
each other one after the other in a longitudinal  
direction (s) and that are arranged to twist (w1) in  
10 respect with each other round an axis standing in a  
direction of height (h) by means of a joint  
arrangement (N), whereby the joint arrangement (N)  
comprises edge projections (N1), existing in a  
preceding formed piece one below the other in the  
15 direction of height (h) of the formed piece, and a  
centre projection (N2), existing in the following  
formed piece and that is to be placed between the  
above edge projections, **characterized** in that a joint  
arrangement (N;N') is arranged to enable twisting (w2)  
20 of the successive formed pieces (X) in respect with  
each other round an essentially longitudinal axis (s).

2. Scraper according to claim 1, the joint  
arrangement (N) of which comprises a hole (R) for a  
joint pin (T) or a like in said projections (N1, N2),  
25 the hole existing essentially in the direction of  
height (h), **characterized** in that the upper and lower  
edges of the centre projection (N2) are arranged  
arched and the hole therein (R; R') to expand, when  
viewed in a cross section, from the centre  
30 projection's (N2) middle towards its upper and lower  
edges.

3. Scraper according to claim 1 or 2,  
35 **characterized** in that each formed piece (X) of the  
scraper is mutually alike in a way that on its first  
joint surface there are edge projections (N1) and on  
the other joint surface there exists the centre  
projection (N2).

5 4. Scraper according to claim 1 or 2, **characterized** in that there are two kinds of formed pieces in a way that on the opposite joint surfaces of the first ones of them there exists edge projections (N1) and on the corresponding joint surfaces of the second ones of them there exists centre projections (n2).

10 5. Scraper according to any of the preceding claims 1-4, **characterized** in that in an essentially stiff-structured frame (XR) of the formed piece (X) there is arranged, preferably on quick-release principle, a removeably attachable skirt part (XH), which is manufactured from essentially softer/more 15 flexible material than the frame (XR) of the formed piece.

20 6. Scraper according to any of the preceding claims 1-5, **characterized** in that the frame (XR) of the formed piece is manufactured from polypropylene or like and a skirt part (XH) from polyurethane, rubber or like.

25 7. Scraper according to any of the preceding claims 1-6, **characterized** in that the skirt part (XH) has fin-like or like stiffening/sealing arrangements (XHL, XHL'), projecting outwards (r) from its outer surface and which are arranged to enable twisting (w1) of the successive formed pieces with respect to each 30 other round a rotation axis existing essentially in the direction of height (h).

35 8. Scraper according to claim 7, **characterized** in that a bottom fin (XHL') belonging to the stiffening/sealing arrangement is arranged to rise in the direction of height (h) towards the other end of the formed piece (X) particularly to enable twisting

of the successive formed pieces with respect to each other on so called lap joint -principle.

5 9. Scraper according to any of the preceding claims 1-8, which is meant to be used particularly as a surface scraper in a fluid basin, such as a clarification basin or like, **characterized** in that the specific weight of the scraper is arranged essentially lighter than water by using a formed piece (X) with a  
10 hollow frame (XR) particularly in order to enable its use filled with air or flotation material.

15 10. Scraper according to claim 9, **characterized** in that in the lower part of the formed piece (X), such as at the lower edge of the skirt part (XH), there is arranged an auxiliary weight arrangement (LP) particularly for keeping a floating formed piece in an essentially vertical position.